

AMENDMENTS TO THE CLAIMS

1. (currently amended) Storage and retrieval unit comprising:
 - a) a supporting carriage which is movable along a rack aisle on at least one substantially horizontal supporting rail by means of a lifting drive;
 - b) a lifting platform carried along by the supporting carriage and intended for receiving at least one storage item, the lifting platform having a plurality of sides;
 - c) a lifting apparatus by means of which the lifting platform is movable in the vertical direction relative to the supporting carriage, and which comprises at least two lifting traction means, on which the lifting platform is suspended from the supporting carriage; and
 - d) a stabilising device which prevents lateral deflection of the lifting platform and comprises:
 - da) at least three stabilisation traction means fastened to the opposing sides of the lifting platform ~~which are opposite in the direction of travel~~, at least two of the stabilisation traction means running to at least two fastening points arranged ~~in a region of proximate~~ one end of the rack aisle, and at least one of the stabilisation traction means running to a fastening point arranged ~~in a region of proximate~~ the other end of the rack aisle;
 - db) for each of the stabilisation traction means a stabilisation drive, through the actuation of which the effective length of the stabilisation traction means between the lifting platform and the respective fastening point can be changed;

dc) a control system which controls the drives in such a way that the stabilisation
traction means are taut relative to in each desired position of the lifting platform
upon positioning of the lifting platform in a desired position.

2. (currently amended) Storage and retrieval unit according to Claim 1, wherein four
stabilisation traction means are provided, with each having a stabilisation drive, the stabilisation
drives are arranged in pairs at the opposite ends of the rack aisle and thus form the fastening
points at these locations.
3. (currently amended) Storage and retrieval unit according to Claim 1, wherein the
stabilisation drives of the stabilisation traction means are one of arranged on the lifting platform
and fixed relative to the rack aisle.

4. (currently amended) Storage and retrieval unit according to claim 1, wherein each of the
stabilisation drives comprise drums onto which flexible the stabilisation traction means can be
wound up.

5. (currently amended) Storage and retrieval unit according to Claim 4, wherein those of the
drums of the stabilisation drives of the stabilisation traction means which are arranged on a same
side of the lifting platform are driven by a common drive shaft.